ASHLEY RIVER BASIN

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC

LOCATION.--Lat 32°56'55'', long 80°09'59'', Dorchester County, Hydrologic Unit 03050202, on left bank at Dorchester Boat Club, 2.3 mi east of Cooke Crossroads, 0.1 mi above confluence with Dorchester Creek, and at mile 25.0.

DRAINAGE AREA.--Indeterminate.

WATER—DISCHARGE RECORDS

PERIOD OF RECORD.--July 2001 to September 2002.

GAGE.--Data collection platform and acoustic velocity meter. Elevation of gage is 10 ft above NGVD of 1929 (from topographic map).

REMARKS.--Records fair. This site is strongly affected by astronomical tides.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,420 ft^3/s, Sep. 17, 2001; –1,480 ft^3/s; minimum discharge, Aug. 19, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 1,270 ft^3/s, Mar. 29; minimum discharge, –1,340 ft^3/s, Oct. 16.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	---	---	---	---	---	---	---	---	1160	-1150	1110	-1150
2	---	---	---	---	---	---	---	---	1130	-1110	1130	-1150
3	---	---	---	---	---	---	---	---	1130	-1130	1050	-1160
4	---	---	---	---	---	---	---	---	1090	-1160	1200	-1110
5	---	---	---	---	---	---	---	---	1140	-1130	1070	-1110
6	---	---	---	---	---	---	---	---	1050	-1020	1040	-1090
7	---	---	---	---	---	---	---	---	1010	-988	1130	-1080
8	---	---	---	---	---	---	---	---	1020	-1040	1050	-1080
9	---	---	---	---	---	---	---	---	954	-958	1100	-1030
10	---	---	---	---	---	---	---	---	910	-1060	1000	-1000
11	---	---	---	---	---	---	---	---	985	-1040	1080	-1020
12	---	---	---	---	---	---	---	---	870	-1050	1120	-1030
13	---	---	---	---	---	---	---	---	941	-976	1160	-1100
14	---	---	---	---	---	---	---	---	1050	-988	1240	-1240
15	---	---	---	---	---	---	---	---	1160	-1260	1240	-1310
16	---	---	---	---	---	---	---	---	1220	-1370	1300	-1280
17	---	---	---	---	---	---	---	---	1200	-1340	1420	-1440
18	---	---	---	---	---	---	---	---	1330	-1400	1310	-1430
19	---	---	---	---	---	---	---	---	1240	-1480	1290	-1390
20	---	---	---	---	---	---	---	---	1190	-1390	1260	-1220
21	---	---	---	---	---	---	---	---	1210	-1380	1190	-1150
22	---	---	---	---	---	---	---	---	1190	-1300	1100	-1290
23	---	---	---	---	---	---	---	---	1190	-1200	1080	-1130
24	---	---	---	---	---	---	---	---	1130	-1110	1040	-1020
25	---	---	---	---	---	---	---	---	1100	-1110	919	-1030
26	---	---	---	---	---	---	---	---	1110	-1040	942	-967
27	---	---	---	---	---	---	---	---	1100	-1010	1060	-986
28	---	---	---	---	---	---	---	---	1030	-904	1050	-957
29	---	---	---	---	---	---	---	---	1030	-1130	1080	-1030
30	---	---	---	---	---	---	---	---	1100	-1120	1080	-1070
31	---	---	---	---	---	---	1300	-1190	1100	-1020	---	---
MONTH	---	---	---	---	---	---	---	---	1330	-1480	1420	-1440

021720812 ASHLEY RIVER NEAR COOKE CROSSROADS, SC--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
1	---	---	1040	-1090	1130	-1120	1100	-1070	1080	-1200	1170	-1130
2	---	---	1110	-1040	1180	-1080	1110	-1160	1050	-1090	1150	-1070
3	---	---	1030	-969	1180	-1060	1130	-1170	1080	-1010	1150	-1060
4	---	---	996	-1000	1150	-1070	1020	-1090	999	-942	1060	-940
5	1010	-1050	1080	-949	1130	-1090	1040	-984	1000	-901	938	-932
6	987	-1060	1100	-994	1040	-1110	969	-935	1030	-901	914	-852
7	1030	-852	965	-1030	1010	-1020	850	-867	1050	-956	865	-899
8	1060	-1040	1040	-915	1060	-1000	812	-903	984	-975	872	-855
9	1030	-982	941	-985	1010	-1020	945	-950	1030	-819	1010	-819
10	1050	-1010	1020	-1050	1090	-1060	875	-920	981	-1220	995	-852
11	1040	-1040	1070	-1030	1190	-1080	---	---	897	-937	964	-965
12	---	---	1150	-1080	1100	-1210	---	---	1060	-1080	1100	-1000
13	1160	-1170	1200	-1110	1110	-1200	1040	-842	985	-1040	999	-1080
14	1160	-1140	1170	-1210	1120	-1220	991	-939	1020	-965	902	-1120
15	1140	-1220	1210	-1160	1050	-1130	878	-906	988	-956	944	-1120
16	1220	-1340	1140	-1070	1120	-994	962	-922	915	-945	977	-1130
17	1180	-1280	1120	-1090	1110	-977	919	-851	848	-811	871	-981
18	1120	-1140	1050	-1040	942	-938	808	-818	851	-779	1020	-929
19	1210	-1070	1000	-947	1030	-952	877	-796	906	-851	893	-950
20	1100	-1130	978	-881	854	-832	759	-845	834	-851	965	-814
21	1110	-1010	908	-861	800	-847	679	-731	793	-811	898	-849
22	987	-936	885	-812	849	-803	838	-712	818	-874	958	-747
23	961	-864	831	-735	788	-843	834	-730	940	-846	997	-732
24	913	-873	778	-849	870	-736	962	-860	1060	-966	981	-1050
25	802	-788	847	-807	858	-844	909	-929	1120	-1180	1050	-1050
26	810	-736	---	---	963	-962	1020	-1060	1160	-1280	1080	-1180
27	954	-894	956	-1030	966	-1030	1100	-1190	1050	-1190	1140	-1260
28	979	-994	960	-1070	947	-1070	1150	-1220	1100	-1300	1160	-1210
29	970	-1010	1050	-1100	1030	-1110	1140	-1210	---	---	1270	-1330
30	1060	-1060	1110	-1080	1080	-1190	1140	-1150	---	---	1260	-1210
31	984	-1120	---	---	1150	-1140	1150	-1200	---	---	1220	-1220
MONTH	---	---	---	---	1190	-1220	---	---	1160	-1300	1270	-1330

DAY	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER	
1	1170	-1100	1110	-1020	988	-847	861	-819	888	-854	575	-549
2	1160	-1090	1040	-778	935	-943	851	-847	950	-803	---	---
3	1040	-891	823	-667	960	-880	830	-798	851	-821	---	---
4	898	-891	886	-802	1000	-933	878	-995	880	-855	687	-897
5	986	-823	874	-754	982	-993	1010	-981	927	-989	756	-918
6	969	-869	925	-794	955	-927	1020	-1040	927	-970	779	-937
7	929	-797	821	-973	1020	-994	1070	-969	937	-1030	819	-1030
8	960	-951	852	-902	1030	-1050	1030	-982	1010	-1070	993	-1050
9	892	-941	924	-952	1120	-1100	1020	-1120	1050	-1020	864	-933
10	993	-924	1010	-988	1190	-1110	1070	-1120	1090	-1090	779	-906
11	949	-931	1020	-1050	1160	-1110	1020	-1160	980	-1020	712	-768
12	981	-1060	1080	-1070	1090	-1070	1070	-1090	990	-977	749	-764
13	1010	-1180	1060	-1120	1160	-1040	1150	-1110	836	-909	704	-730
14	977	-1050	959	-1150	1100	-1090	1160	-1080	820	-837	616	-628
15	1010	-1010	1080	-1100	1110	-1130	1040	-1000	---	---	671	-665
16	1010	-979	1050	-1070	1140	-945	1050	-992	---	---	601	-640
17	998	-983	969	-1080	1080	-960	1040	-956	---	---	718	-775
18	1030	-964	990	-894	1040	-1000	1070	-1050	---	---	777	-728
19	940	-879	1030	-823	1090	-999	1030	-993	---	---	695	-733
20	870	-847	1110	-922	1140	-1020	1060	-1060	541	-727	790	-915
21	1000	-934	1080	-1100	1140	-1110	1050	-1030	715	-1020	789	-939
22	950	-953	1180	-1060	1140	-1100	1030	-1030	834	-937	904	-924
23	1130	-1050	1160	-1140	1160	-1140	1100	-1120	745	-790	874	-773
24	1130	-1080	1180	-1210	1070	-1250	1080	-1010	682	-802	752	-715
25	1140	-1180	1200	-1260	1100	-1060	997	-1110	777	-828	745	-590
26	1140	-1280	1230	-1230	1130	-998	983	-944	833	-649	725	-667
27	1230	-1200	1190	-1120	1040	-998	986	-861	620	-671	629	-658
28	1250	-1230	1180	-1090	938	-952	818	-832	697	-752	705	-679
29	1130	-1170	1230	-1020	844	-946	801	-834	531	-672	676	-476
30	1100	-1070	1160	-926	907	-812	822	-745	690	-947	672	-587
31	---	---	1020	-879	---	---	900	-893	685	-655	---	---
MONTH	1250	-1280	1230	-1260	1190	-1250	1160	-1160	---	---	---	---